

PROJECT NUMBER : 6505
PROJECT TITLE : Special Investigations
PROJECT LEADER : D. F. Ingraham
PERIOD COVERED : February, 1991

R&D OPERATIONS SUPPORT

A. **Objective:** To provide analytical support to R&D and Operations personnel and projects.

B. **Results:**

Analyses of various packaging samples were provided for Purchasing Technical Services. Various additional solvents were quantitatively determined in support of establishing subjective thresholds by Flavor Development.

Various treatments for lowering the moisture content of cigarettes were investigated as part of a study to relate stale subjectives with chemical changes in low OV cigarettes. These experiments will be used to determine the specific conditions and times necessary to reach a target moisture level of 9%. The different treatments being investigated are heat, dessicant, sweeping with an inert gas, and vacuum.